

910 PU Duo

2-COMPONENT PUR LEVELLING COMPOUND

PRODUCT DESCRIPTION

Two-component, solvent-free, EMICODE EC1 Plus R, self-levelling, elasticised, highly durable special PU - filling and repairing compound to use for renovated and new floorings.

Floor filling compound suitable for use under forklift trucks, indoor and outdoor use.

Application in combination with Eurocol 305 BetonDesign.

PRODUCT SPECIFICATIONS

- excellent dispersion
- elasticity and flexibility
- high durability (forklift trucks)
- high resilience
- excellent bonding on degreased surfaces, e.g. terrazzo, degreased metals
- crack formation resistance
- indoor and outdoor use (if permanently dry areas)



Made in Germany

AREAS OF USE



FLOOR COVERING



PARQUET



CERAMIC TILES



SURFACE FINISHING

Construction of standard sub-floors for:

- flooring installation
- coating with **Eurocol 305 BetonDesign**

Thick coating/filling on a huge number of sub-floors like:

- mastic asphalt; also to use as closure for screed joints in mastic asphalt,
- deformable sub-floors (elastic mats, wooden floorboards),
- degreased metal surfaces,
- fixed (also knobbed) old elastomer floorings (renovation)

Suitable

- for filling of cable ducts
- for filling works, including bathroom areas (if permanently dry sub-floors)
- for permanently elastic sub-floors (sports halls)
- for filling works on fixed wooden floorboards
- for filling works on fixed drywall elements
- for filling works on adhered rubber / cork sub-floor with extrem high strain

TECHNICAL DATA

Base

910 Europlan PU Duo
polyurethane

hardener PU
isocyanate

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Europlan PU Duo

Colour	grey	brown
Density	approx. 1,45 g/cm ³ (mixture)	
Consistency	fluid	
Cleaner (in fresh condition)	815 Euro Handclean, 358 ToolCleaner	
Processing conditions	not below 15 °C on the subfloor material- and room temperature not below minimum 18°C 35-75% relative air moisture, recommended <65%,	
Mixing ratio	910 Europlan PU Duo 100 weight parts hardener PU 18 weight parts	
Pot life	approximately 40 min	
Application	blade, trowel, spiked roller, de-aerating roller	
Consumption	approximately 1300 g/m ² /mm	
Curing time	approximately 6 – 8 hours	
Final hardness	after approximately 2 days	
Shelf life	within 18 months if stored in its original packing once opened packaging to be tightly closed and product to be used as soon as possible	
Storage conditions	packaging to be closed tightly at a dry place and stored at temperature: 5 - 30 °C	
Moisture- sensitive	hardener PU	yes, thickened hardener can no longer be used
Frost-sensitive	no	
Labelling according to GHS	resin: not necessary hardener PU: Please pay attention to the information in the safety data sheet and on the label!	
Environment protection/industrial safety	GISCODE:	RU 1
	EMICODE:	EC1 Plus R
	DGNB:	VOC 0 %, quality classification: 4
	LEED:	VOC 0 g/l
	hardener PU: EUH204 contains isocyanate. May cause allergic reactions.	

SUB-FLOOR

- The sub-floor has to meet the requirements of national standards, guidelines and fact sheets.
- In case of deficiencies any concerns should be expressed in writing.
- The sub-floor has to be prepared according to standards before filling work.
- No primer is needed and the 2-C filling compound can be applied directly in case of permanently dry, solid, dusted cement screed, cleaned or new mastic asphalt screed, cleaned and grinded stone tiles, degreased metal surfaces, wax-free wood planks.
- In case of highly absorbent or humid sub-floors or extremely high strain of the overall construction, a Eurocol reactive primer with subsequent sanding has to be used. Make sure, that there's a surplus on sand during priming, otherwise an even application of this filling compound is not possible. The remaining sand has to be removed after the hardening of the primer.

INSTRUCTION FOR USE

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Europlan PU Duo

910 Europlan PU Duo has to be mixed intensively with the hardener to create a homogenous mixture (homogenous shade). Please pay attention that the edges and the bottom are well stirred up. As a second step, the mixture has to be filled in a second clean container and mixed thoroughly again.

Use a spatula or trowel for application. The surface gets smoother and more levelled if blade and Eurocol spiked de-aerating roller are used for application.

Application of a second coating only after hardening of the first coating is possible. Sanding is necessary after curing of the first non-adhesive coating to avoid bonding problems.

For filling of deep ducts and slots: use 910 Europlan PU Duo mixed with dry quartz sand Europlan Sand 846 or 847.

Mixing ratio can be adapted up to consistency needed for filling work. The self-levelling of the filling compound is highly limited under these conditions.

The filled surface has to be sanded with grid grain 100 and vacuumed before the installation of the flooring.

Afterwards when flooring is installed, pay attention that the sub-floor is not absorbent and bonding was made with, e.g. Eurocol 622 Eurostar Tack, which has been completely flashed off. Alternatively, reactive Eurocol adhesives can be used, depending on flooring.

SAFETY NOTE

Tools have to be cleaned with a universal cleaner before hardening. We also recommend to wear protective gloves as the reaction components may deeply penetrate skin and are difficult to remove.

Technical information and safety data sheets of other installation products, 305 BetonDesign and other floorings/parquet, which were used together with 910 Europlan PU Duo, have to be considered!

Don't mix with other products, except the recommended ones!

Relevant standards and rules have to be considered. Respective national regulations have to be applied outside Germany

PACKAGING

9,72 kg and 4,86 kg combi unit size net (52 and 65/pallet)

SPECIAL NOTE

Any use and application other than those specified in this Technical Information requires Eurocol explicit approval, otherwise no liability can be assumed.

With this information we want to advise you based on our tests and experience in laboratory and practical work. Any other application than those specified in this Technical data sheet requires our explicit approval. Taking into account the variety of uses, processing - and storage conditions for our products beyond our influence, a warranty for the processing results in individual cases cannot be given. There will be no liability for damages, which were caused through the trust in the contents of this Technical data sheet or of its utilization. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be considered by the user. It is the liability of the user to make his own checks of the products supplied by us as to their suitability for the intended procedure and purposes. The information supplied by us is non-binding and cannot be used as a basis for establishing the company's liability for any damages incurred. This also includes the infringement of any rights for the protection of third parties. We also refer to our terms and conditions which are binding. Technical information and Material Safety Data Sheets concomitantly used installation materials must be observed.

The values mentioned are laboratory data that relate to standard conditions, and can be seen due to the huge variety of application possibilities as a guide only. The products delivered by us are for the professional use only. Keep them away from the hands of children.

This Technical Information supersedes all previously issued application data sheets and product information are no longer valid.

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